MINOX

35 PL

Type 10720

Ersatzteile
Reparatur

Spare Parts
Repairs

Pièces de rechange
Réparation

Repuestos
Reparación

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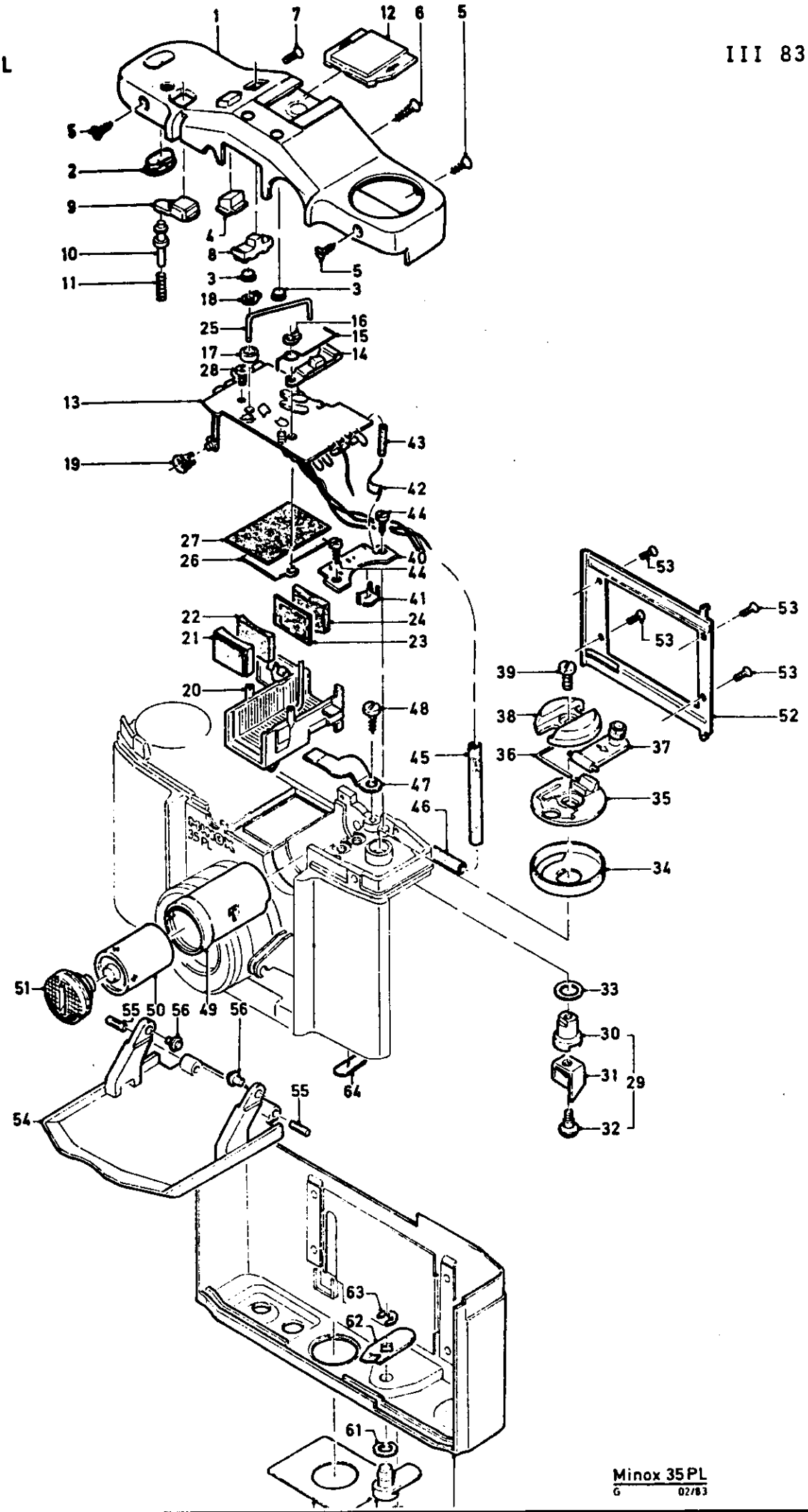
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Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
1	1	Body cap, complete	10720 38000
2	1	. Frame counter window	10750 38002
3	2	. Hood	10720 38009
4	1	. Button	10720 38022
5	3	Screw, countersunk machine	
		Bg 1.6 x 2.5 mm	10800 40003
	S	Screw, countersunk machine	
		M 2 x 2.5 mm	00300 80050
6	1	Screw, countersunk machine	
		Bg 1.6 x 4 mm	10800 40004
	S	Screw, countersunk machine	
		M 2 x 4 mm	00301 65014
7	1	Screw, countersunk machine	
		M 1.4 x 2.5 mm	10750 12048
8	1	Sliding switch 2x, complete	10850 46000
9	1	Shutter release button, green	10720 40001
10	1	Shutter release pin .	10750 03001
11	1	Shutter release spring	10800 03002
12	1	Cover slide	10750 00003
13	1	Printed circuit board, complete for PL I	10720 19000
	(1)	Printed circuit board, complete for PL II	10720 19400
14	1	. Flash switch, complete	10720 17000
15	1	. Leg spring	10750 17002
16	1	. Retainer ring G 2.0	00310 72000
17	1	. Spacing sleeve	10720 04014
18	1	. Retainer ring G 2.0	00310 72000
19	1	. Sleeve	10750 16007
20	1	. Viewfinder, complete	10720 20000
21	1	. . Front lens element I	10800 18111
22	1	. . Front lens element II	10800 18002
23	1	. . Viewfinder mask	10720 18004
24	1	. . Eyepiece	10800 18113
25	1	. . Light guide	10720 04004
26	1	. . Cover	10750 18008
27	1	. . Cover strip	10720 18007
28	1	Screw, fillister M 1.4 x 2 mm	00301 32000
29	1	Spool take-up cam, complete	10800 14000
30	1	. Spool take-up cam	10800 14001

S = Substitute

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
31	1	. Take-up cam clip	10800 14002
32	1	. Screw, shoulder	10800 14003
33	(1)	Washer 7.3 ø x 5.05 ø x 0.05 mm	00310 30000
34	1	light-trap plate	10730 12001
35	1	Rewind cam	10750 12124
36	1	Stop spring	10750 13101
37	1	Crank arm, complete	10750 11000
38	1	Rewind cam cover	10750 12026
39	1	Screw, fillister M 2 x 4 mm	00201 83050
40	1	Mounting plate, complete for PL I	10720 21000
	(1)	Mounting plate, complete for PL II	10720 21400
41	1	. Trim resistor R 10, see Page 22	
42	1	. Resistor R 9, see Page 22	
43	1	. Insulating tubing	10800 21002
44	2	Screw, fillister Bg 1.4 x 3 mm	00301 10050
45	1	Insulating sleeve, long	10800 12034
46	1	Insulating sleeve, short	10800 12037
47	1	Retainer clip	10750 12009
48	1	Screw, fillister, Bg 2.2 x 4 mm	00301 36050
49	1	Battery tube	10800 12106
50	(1)	Battery Varta V 27 PX Mallory PX 27 Ucar EPX 27	
51	1	Battery cover, complete	10800 45000
52	1	Film feed, complete	10750 39000
53	4	Screw, countersunk machine ø M 1.4 x 2.5 mm	00300 99000
54	1	Front flap PL	10720 26014
55	2	Grooved alignment pin	00340 37050
56	2	Latch pin	10800 26016
57	1	Body back	10720 43000
58	1	. DIN/ASA label	10720 43002
59	1	. Indicator disc	10800 43006
60	1	. Lock	10850 43001

S = Substitute

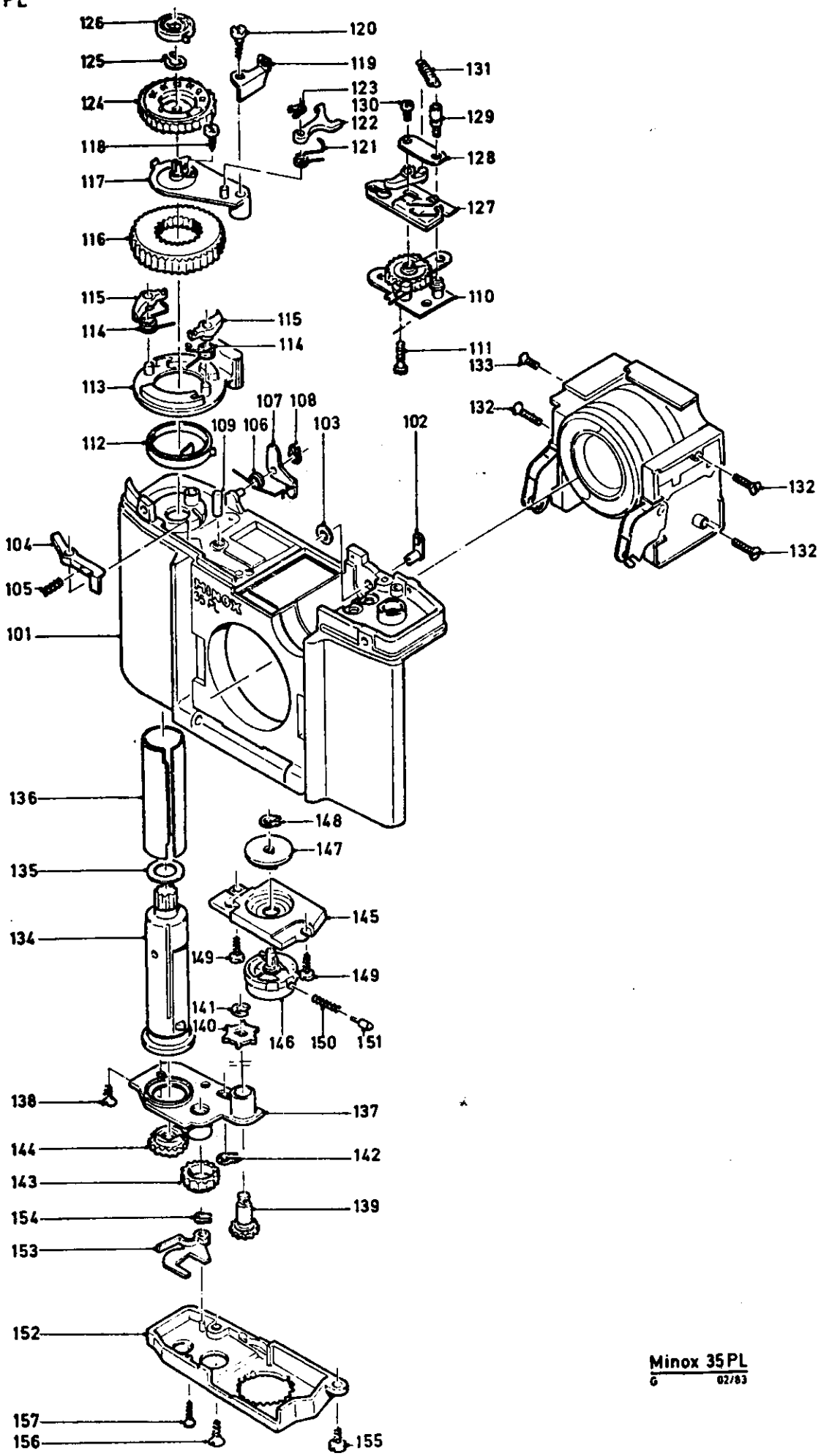

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Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr. / Part no. / No. de piece / No de pieza
101	1	Body, riveted	10720 01000
102	1	. Rivet solder tag	00330 21000
103	1	. Negative contact	10800 01005
104	1	Shutter release block	10800 12007
105	1	Drag spring	10800 12008
106	1	Torsion spring	10800 12011
107	1	Re-set latch	10800 12010
108	1	Retainer ring G 1.5	00310 71000
109	1	Winder pin	10800 26001
110	1	Base plate	10850 02000
111	1	Screw, fillister M 1.4 x 6.5 mm	10800 12044
112	1	Torsion spring for conical spring washer	10750 12041
113	1	Conical spring washer	10750 12040
114	2	Torsion spring for tension latch	10800 12043
115	2	Tension latch	10800 12042
116	1	Winder wheel	10800 12012
117	1	Bottom plate	10850 06003
118	1	Screw, fillister Bg 2 x 3.5 mm	00300 90000
119	1	Angle bracket	10750 12046
120	1	Screw, fillister Bg 2 x 8.4 mm	10800 12027
	(1)	Screw, fillister Bg 1.9 x 7.8 mm	00301 40050
	S	Screw, fillister M 2.3 x 8 mm	00301 27050
121	1	Torsion spring	10750 12047
122	1	Stop latch	10800 06001
123	1	Retainer ring G 1.5	00310 71000
124	1	Film counter wheel	10750 12019
125	1	Retainer ring G 2.0	00310 72000
126	1	Flat spiral spring	10800 12020
127	1	Sliding switch, complete	10720 09000
128	1	Guide plate	10800 12016
129	1	Lining	10800 12017
130	1	Screw, fillister Ø M 1.4 x 2mm	00301 31000
131	1	Tension spring	10800 12018

S = Substitute

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr. / Part no. / No. de piece / No de pieza
132	3	Screw, countersunk machine Ø M 1.6 x 5 mm	00301 62014
133	1	Screw, countersunk machine Ø M 1.6 x 3.5 mm	00301 64014
134	1	Sleeve, complete	10850 30200
135	1	Washer 9.5 ø x 6.9 ø x 0.3 mm	00311 42000
136	1	Expansion tube	10850 36002
137	1	Drive plate	10750 36106
138	1	Screw, countersunk machine Bg 1.6 x 2.5 mm	10750 36020
139	1	Cogwheel	10750 36003
140	1	Film transport wheel	10750 36104
141	1	Retainer washer 1.9 mm	00210 84000
142	1	Retainer ring G 2.0	00310 72000
143	1	Idler wheel	10850 36018
144	1	Transfer wheel	10800 36209
145	1	Resistor plate, complete	10720 35000
146	1	. Adjusting knob	10720 35003
147	1	. Catch plate	10850 33000
148	1	. Retainer ring G 2.0	00310 72000
149	2	Screw, fillister Bg 1.4 x 3.5 mm	00301 22050
150	1	Pressure spring	10850 36010
151	1	Latch pin	10850 36016
152	1	Drive cover	10720 37000
153	1	. Sliding lock	10800 36131
154	1	. Retainer ring G 1.5	00310 71000
155	1	Screw, fillister Bg 2 x 2.8 mm	10800 12028
	S	Screw, fillister M 2.3 x 3 mm	00300 88050
156	1	Screw, countersunk machine Bg 2 x 5 mm	10800 36014
	S	Screw, countersunk machine M 2 x 6 mm	00201 13014
157	1	Screw, countersunk machine Ø Bg 1.45 x 5 mm	00301 24014

S = Substitute

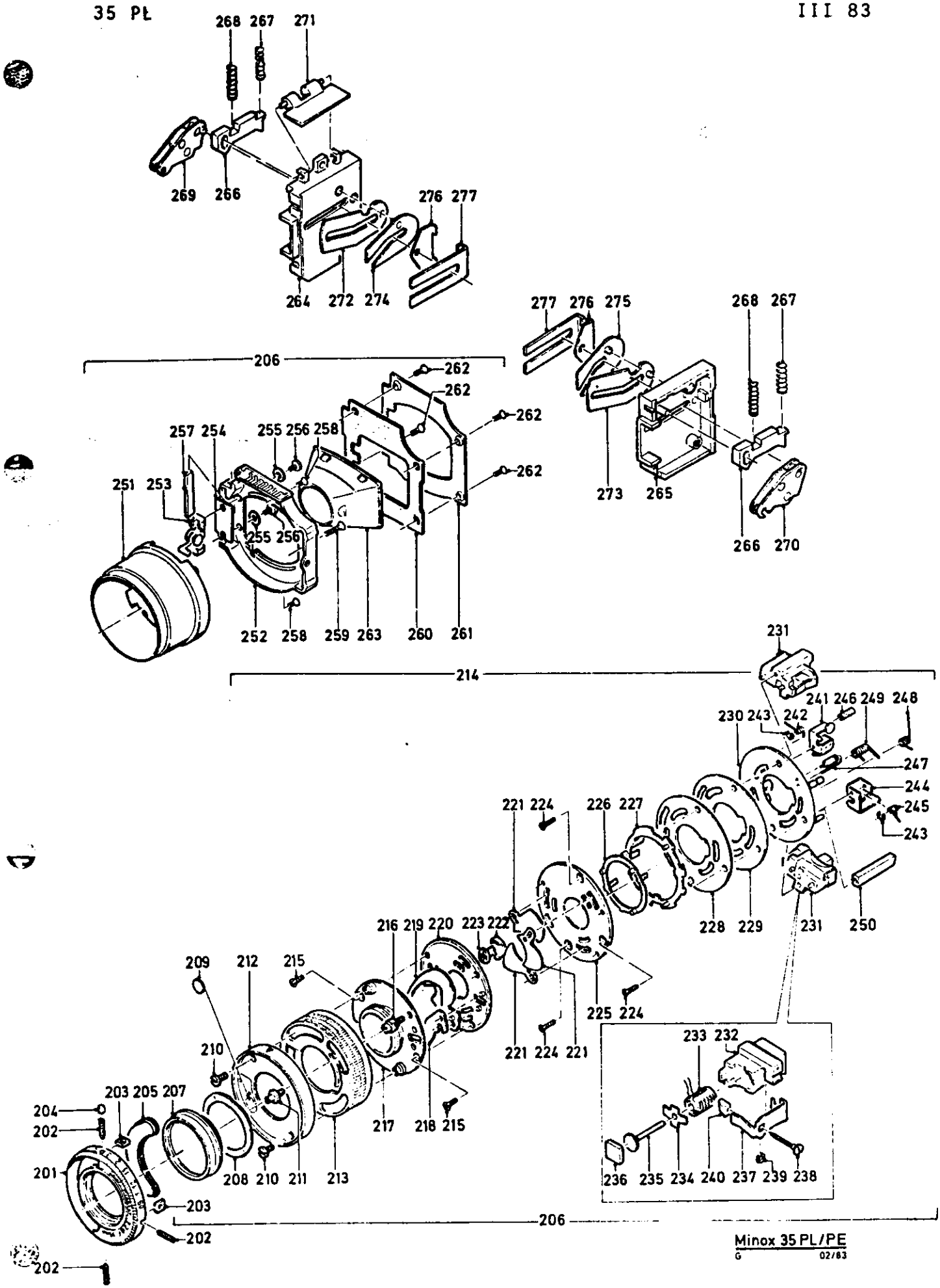

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Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
201	1	Metre ring, complete	10720 81000
	(1)	Feet ring, complete	10720 82000
202	3	. Headless set screw M 1.4 x 5 mm	00203 24050
203	3	. Square nut M 1.4	10800 50005
204	1	Index pin	10720 50012
205	1	Window	10750 50006
206	1	Lens PL I, complete	10720 50000
207	1	. Front lens element, complete	10750 80000
208	1	. Corrugated ring	10750 50011
209	1	. Compensation filter 7 %	10800 50007
	(1)	. Compensation filter 10 %	10800 50020
	(1)	. Compensation filter 15 %	10800 50021
	(1)	. Compensation filter 20 %	10800 50022
	(1)	. Compensation filter 25 %	10800 50023
	(1)	. Compensation filter 30 %	10800 50024
	(1)	. Compensation filter 35 %	10800 50025
	(1)	. Compensation filter 40 %	10800 50026
	(1)	. Compensation filter 45 %	10800 50027
	(1)	. Compensation filter 50 %	10800 50028
	(1)	. Compensation filter 55 %	10800 50029
	(1)	. Compensation filter 60 %	10800 50030
	(1)	. Compensation filter 65 %	10800 50031
	(1)	. Compensation filter 70 %	10800 50032
	(1)	. Compensation filter 75 %	10800 50033
	(1)	. Compensation filter 80 %	10800 50034
	(1)	. Compensation filter 85 %	10800 50035
210	2	. Screw, fillister M 1.4 x 2 mm	10800 50003
211	1	. Butt screw	10800 50002
212	1	. Depth of focus control ring, complete	10720 73000
213	1	. Aperture control ring	10720 79001
214	1	. Shutter PL I, complete	10720 72000
215	2	. . Screw, countersunk machine Ø M 1.4 x 2.5 mm	00300 99000
216	1	. . Threaded insert	10800 72003

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr. / Part no. / No. de piece / No de pieza
217	1	. . Central lens element, complete	10720 71000
218	1	. . Diaphragm leaf II	10750 72002
219	1	. . Diaphragm leaf I	10750 70000
220	1	. . Spacer	10720 72004
221	3	. . Shutter leaf	10720 72001
222	1	. . Mount	10720 68001
223	1	. . Photo-resistor	10800 68003
224	3	. . Screw, countersunk machine Bg 1.4 x 5 mm	00301 39014
225	1	. . Achromatic lens, complete	10720 63000
226	1	. . Shutter ring II	10720 62000
227	1	. . Shutter ring I	10720 61000
228	1	. . Sliding disc	10720 64020
229	1	. . Sliding disc	10720 64010
230	1	. . Printed circuit board, riveted	10720 57000
231	2	. . Magnet, complete	10720 53000
232	2	. . . Coil body	10720 53006
233	2	. . . Coil	10720 53001
234	2	. . . Spring washer	10720 53010
235	2	. . . Core, complete	10720 53500
236	2	. . . Permanent magnet	10720 53005
237	2	. . . Yoke	10720 53002
238	2	. . . Adjuster screw	10720 53007
239	2	. . . Retainer washer 1.2 mm	00210 17000
240	2	. . . Wedge	10720 53009
241	1	. . Stop lever I, complete	10720 51000
242	1	. . Reaction spring	10720 64002
243	2	. . Retainer washer 0.8 mm	00210 28000
244	1	. . Stop lever II, complete	10720 52000
245	1	. . Pressure spring	10720 64001
246	1	. . Tubing	10720 57011
247	1	. . Diode D 5, see Page	
248	1	. . Opening spring	10720 64003
249	1	. . Closing spring	10720 64004

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr. / Part no. / No. de piece / No de pieza
250	1	. . Base	10720 64006
251	1	. Lens barrel PL I	10720 50005
252	1	. Light cover PL I, riveted	10720 76000
253	1	. Retainer clip, complete	10720 75000
254	1	. Sliding plate	10720 77001
255	2	. Washer 4.5 ø x 1.52 ø x 0.05 mm	00311 13050
256	2	. Screw, fillister M 1.4 x 1.5 mm	00301 58019
257	1	. Winder link	10720 50009
258	2	. Screw, countersunk machine	
		▪ Bg 1.45 x 3.2 mm	00301 25014
	S	. Screw, countersunk machine	
		▪ M 1.7 x 2.5 mm	00301 15019
259	1	. Screw, countersunk machine	
		▪ M 1.4 x 4 mm	00301 08000
	S	. Screw, countersunk machine	
		▪ M 1.7 x 2.5 mm	00301 15019
260	1	. Cover plate	10800 76003
261	1	. Retainer plate	10800 76004
262	4	. Screw, countersunk machine	
		▪ M 1.4 x 2.5 mm	00300 99000
263	1	Light funnel	10720 36013
264	1	Pivot hinge, right	10750 26005
265	1	Pivot hinge, left	10800 26003
266	2	Catch lever	10800 26008
267	2	Pressure spring	10800 26009
268	2	Pressure spring, copper	10800 26015
269	1	Pivot, right, complete	10850 22000
270	1	Pivot, left, complete	10850 23000
271	1	Winder flap	10800 26010
272	1	Cover leaf II, right	10800 27000
273	1	Cover leaf II, left	10800 28000
274	1	Cover leaf, right	10800 24000
275	1	Cover leaf, left	10800 25000
276	2	Cover slide	10800 26006
277	2	Cover strip	10800 26007

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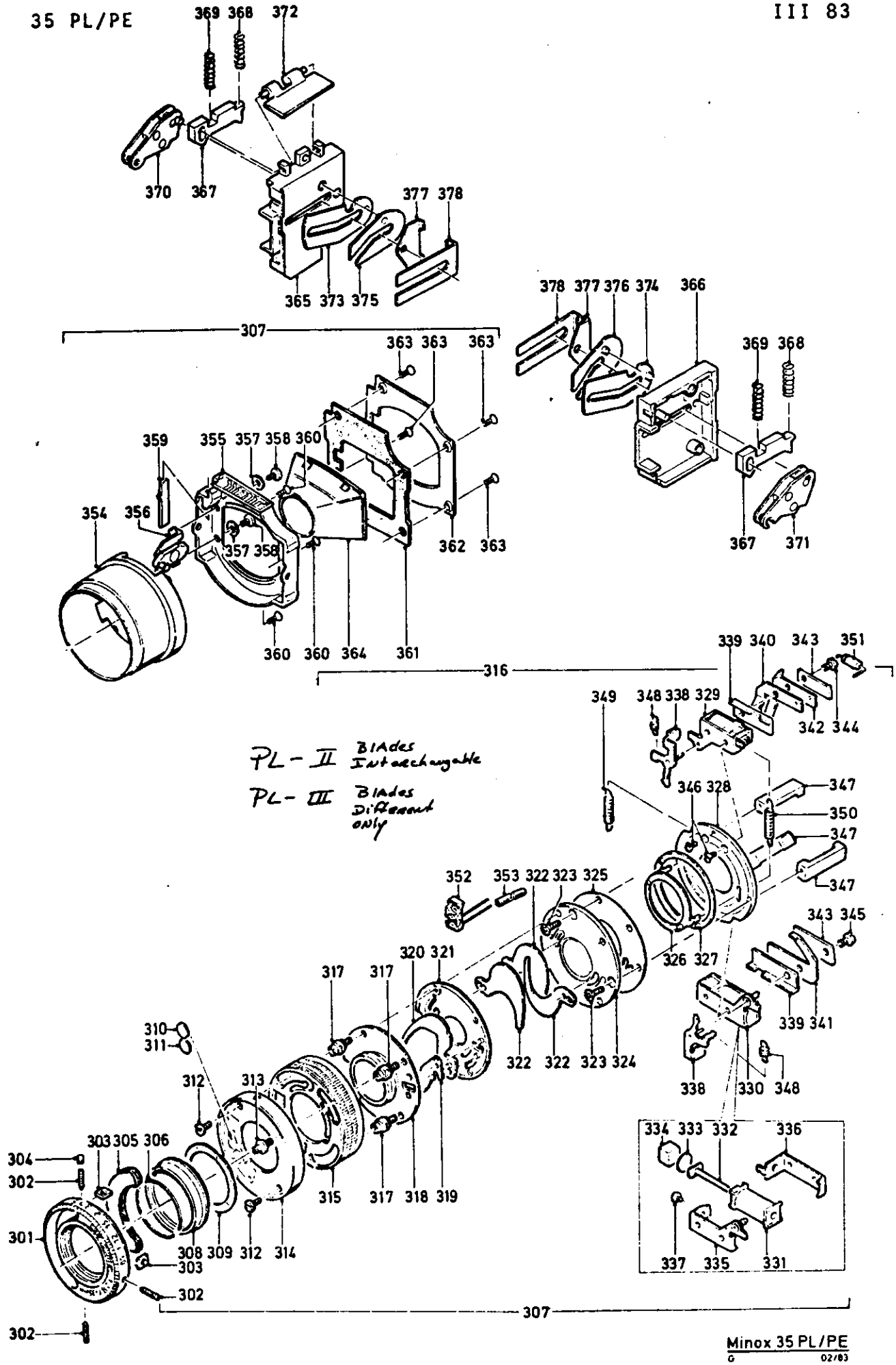

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Bild-Nr. Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr. / Part no. / No. de piece / No de pieza
301	1	Metre ring, complete	10750 81000
	(1)	Feet ring, complete	10750 82000
302	3	. Headless set screw M 1.4 x 5 mm	00203 24050
303	3	. Square nut M 1.4	10800 50005
304	1	Index pin	10720 50012
305	1	Window	10750 50006
306	1	Spacer ring	10750 50015
307	1	Lens PL II, complete	10720 50400
308	1	. Front lens element, complete	10750 80000
309	1	. Corrugated ring	10750 50011
310	1	. Cover disc	10720 50408
311	1	. Compensation filter 7 %	10800 50007
	(1)	. Compensation filter 10 %	10800 50020
	(1)	. Compensation filter 15 %	10800 50021
	(1)	. Compensation filter 20 %	10800 50022
	(1)	. Compensation filter 25 %	10800 50023
	(1)	. Compensation filter 30 %	10800 50024
	(1)	. Compensation filter 35 %	10800 50025
	(1)	. Compensation filter 40 %	10800 50026
	(1)	. Compensation filter 45 %	10800 50027
	(1)	. Compensation filter 50 %	10800 50028
	(1)	. Compensation filter 55 %	10800 50029
	(1)	. Compensation filter 60 %	10800 50030
	(1)	. Compensation filter 65 %	10800 50031
	(1)	. Compensation filter 70 %	10800 50032
	(1)	. Compensation filter 75 %	10800 50033
	(1)	. Compensation filter 80 %	10800 50034
	(1)	. Compensation filter 85 %	10800 50035
312	2	. Screw, fillister M 1.4 x 2 mm	10800 50003
313	1	. Butt screw	10800 50002
314	1	. Depth of focus control ring, complete	10720 73400
315	1	. Aperture control ring	10720 79401
316	1	. Shutter PL II, complete	10720 72400

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
317	3	. . Threaded insert	10800 72003
318	1	. . Central lens element, complete	10750 71000
319	1	. . Diaphragm leaf II	10750 72002
320	1	. . Diaphragm leaf I	10750 70000
321	1	. . Spacer	10750 72404
322	3	. . Shutter leaf	10720 72401
323	3	. . Screw, countersunk machine Bg 1.4 x 5 mm	00301 39014
324	1	. . Achromatic lens, complete	10750 63000
325	1	. . Sliding disc	10800 64010
326	1	. . Switch disc II	10800 62000
327	1	. . Switch disc I	10800 61000
328	1	. . Filler base	10800 57200
329	1	. . Magnet I, complete	10720 53400
330	1	. . Magnet II, complete	10800 53100
331	2	. . . Coil	10800 52000
332	1	. . . Armature, 9.75 mm long, for Magnet I	10720 53404
	1	. . . Armature, 9.81 mm long, for Magnet II	10800 53003
	(1)	. . . Armature, 9.78 mm long, for Magnet II	10800 53103
	(1)	. . . Armature, 9.77 mm long, for Magnet II	10800 53104
	(1)	. . . Armature, 9.76 mm long, for Magnet II	10800 53105
333	1-2	. . . Adhesion point for Magnet I	10720 53011
334	2	. . . Permanent magnet	10800 53005
335	2	. . . Yoke I	10800 58100
336	2	. . . Yoke II	10800 53002
337	2	. . . Screw, fillister M 1.4 x 1.15 mm	00300 82050
338	2	. . Latch, complete	10800 51200
339	2	. . insulating plate	10800 54001
340	1	. . Contact spring I	10800 54005
341	1	. . Contact spring II	10800 54002
342	1	. . Adjuster plate	10800 54004
343	1	. . Printed circuit board	10800 54003
344	1	. . Screw, fillister M 1.4 x 2 mm	00300 97013
345	1	. . Screw, fillister M 1.4 x 1.8	00201 81014

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr. / Part no. / No. de piece / No de pieza
346	4	. . Screw, countersunk machine M 1.4 x 1.6 mm	00300 95050
347	3	. . Base	10720 64401
348	2	. . Tension spring	10720 55402
349	1	. . Tension spring, 31 p, copper	10720 64403
350	1	. . Tension spring, 110 p	10800 64005
351	1	. . Diode D 5, see Page 13	10800-68003 ~~10720-68400~~
352	1	. Photo resistor	
353	1	. Insulating tubing	10800 78020
354	1	. Lens barrel	10720 78401
355	1	. Light cover	10720 76400
356	1	. Retainer clip, complete	10720 75400
357	2	. Washer 4.5 ø x 1.52 ø 0.05 mm	00311 13050
358	2	. Screw, fillister M 1.4 x 1.5 mm	00301 58019
359	1	. Winder link	10800 78002
360	3	. Screw, countersunk machine M 1.4 x 4 mm	00301 08014
361	1	. Cover plate	10800 76003
362	1	. Retainer plate	10800 76004
363	4	. Screw, countersunk machine M 1.4 x 2.5 mm	00300 99000
364	1	Light funnel	10720 36013
365	1	Pivot hinge, right	10750 26005
366	1	Pivot hinge, left	10800 26003
367	2	Catch lever	10800 26008
368	2	Pressure spring	10800 26009
369	2	Pressure spring, copper	10800 26015
370	1	Pivot, right, complete	10850 22000
371	1	Pivot, left, complete	10850 23000
372	1	Winder flap	10800 26010
373	1	Cover leaf II, right	10800 27000
374	1	Cover leaf II, left	10800 28000
375	1	Cover leaf, right	10800 24000
376	1	Cover leaf, left	10800 25000
377	2	Cover slide	10800 26006
378	2	Cover strip	10800 26007

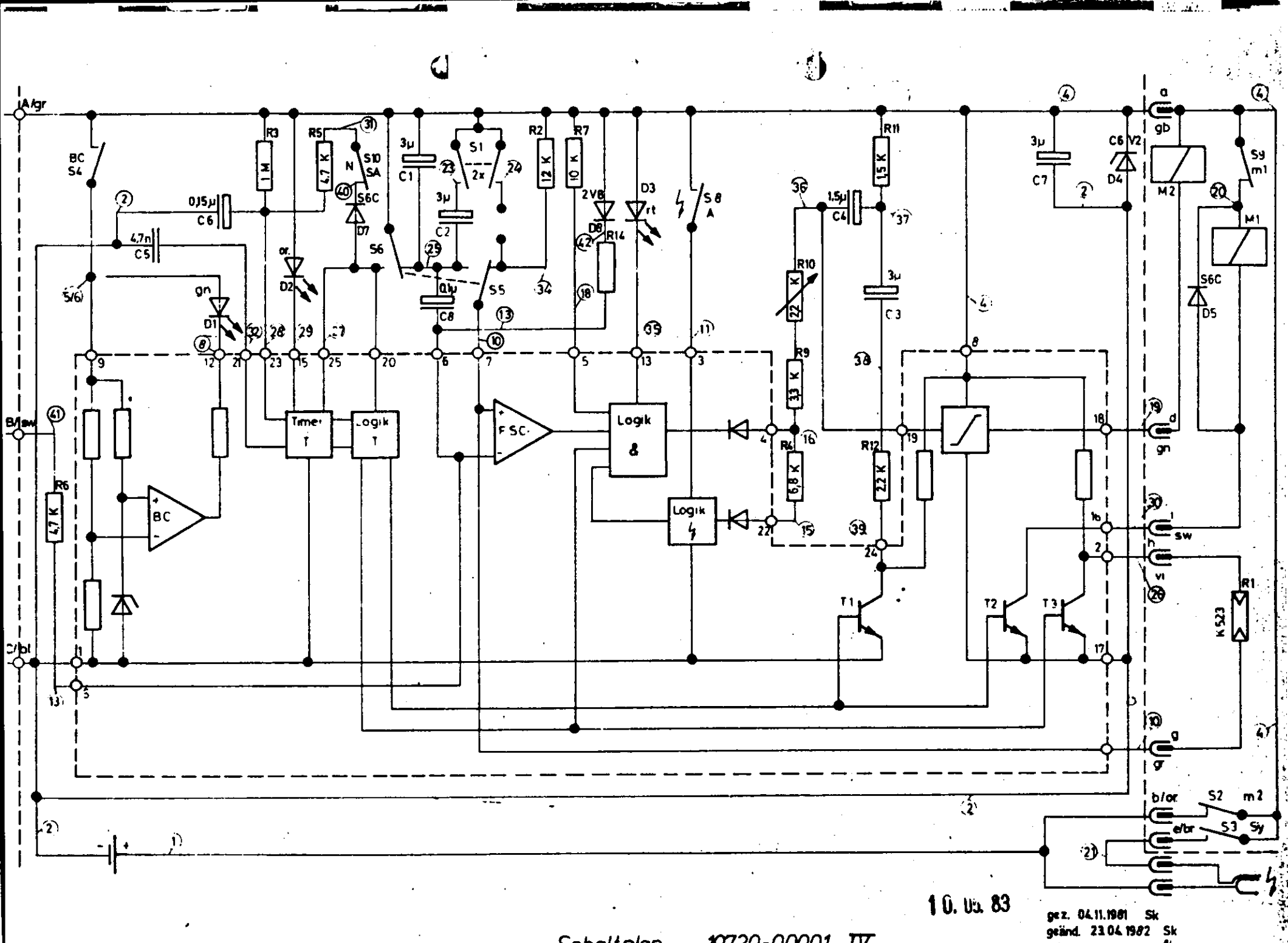
Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion	Teil-Nr./Part no./ No. de piece / No de pieza
		Electronic components	
		Components on the printed circuit board:	
		T switch	10720-04100
IC	1	. IC ULA 1 G 003	10750 16001
D1	1	. LED green	10720 16004
	S	. LED green	00363 99090
D2	1	. LED orange	10750 16008
	S	. LED orange	00363 89090
D3	1	. LED red	10720 16007
	S	. LED red	00364 33090
D4	1	. Z Diode 6 V 2	00362 33090
D7	1	. Diode	10720 16006
	S	. Diode	00360 15090
D8	1	. Z Diode 3 V 4 for PL I	00364 43090
	(1)	. Z Diode 2 V 8 for PL II	00364 55090
R2	1	. Resistor 12 kOhm	00361 88090
R3	1	. Resistor 1 MOhm	00362 71090
R4	1	. Resistor 6.8 kOhm	00361 87090
	(1)	. Resistor 8.2 kOhm	00363 98090
R5	1	. Resistor 4.7 kOhm	00363 80090
R6	1	. Resistor 10 kOhm for PL I	00361 83090
	(1)	. Resistor 15 kOhm for PL I	00361 82090
	(1)	. Resistor 20 kOhm for PL I	00363 04090
	(1)	. Resistor 4.7 kOhm for PL II	00363 80090
	(1)	. Resistor 3.3 kOhm for PL II	00362 73090
	(1)	. Resistor 2.7 kOhm for PL II	00361 85090
R7	1	. Resistor 10 kOhm	00361 83090
R11	1	. Resistor 1.5 kOhm	00364 44090
R12	1	. Resistor 2.2 kOhm	00362 34090
R14	1	. Resistor 4.7 kOhm for PL I	00363 80090
C1	1	. Capacitor 3 µF/6.3 V	00363 28090
C2	1	. Capacitor 3µF/6.3 V	00364 03090

S = Substitute

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion		Teil-Nr./Part no./ No. de piece / No de pieza
C3	1	. Capacitor 3µF/6.3 V		00364 03090
C4	1	. Capacitor 1.5 µF/6.3 V		00364 02090
C5	1	. Capacitor 4.7 µF/40 V		00363 90090
C6	1	. Capacitor 0.15 µF/6.3 V		00361 91090
C7	1	. Capacitor 3µF/6.3 V		00363 28090
C8	1	. Capacitor 0.33 µF/20 V for PL I		00364 59090
	(1)	. Capacitor 0.1 µF/6.3 V for PL II		00363 84090
A	1	. Flex, grey, 120 mm long	gr	10800 12032
B	1	. Flex, black, 122 mm long	sw	10800 12030
C	1	. Flex, blue, 116 mm long	bl	10850 12031
a	1	. Flex, yellow, 40 mm long	gb	10720 04003
b	1	. Flex, orange, 28 mm long	or	10750 04005
d	1	. Flex, green, 33 mm long	gn	10750 04007
e	1	. Flex, brown, 34 mm long	br	10720 04009
g	1	. Flex, grey, 44 mm long	gr	10720 04010
h	1	. Flex, violet, 50 mm long	vi	10720 04011
i	1	. Flex, black, 38 mm long	sw	10750 04006
	1	. Flex +UB, orange	or	10750 04013
	1	. Flex -UB, blue	bl	10800 12035
	1	. Flex R 10, orange, 28 mm long	or	10750 04005
		Components on the backing plate:		
R9	1	Resistor 6.2 kOhm for PL I		00364 91090
	(1)	Resistor 4.7 kOhm for PL I		00363 80090
	(1)	Resistor 5.6 kOhm for PL I		00364 61090
	(1)	Resistor 6.8 kOhm for PL I		00361 87090
	(1)	Resistor 3.3 kOhm for PL II		00362 73090
	(1)	Resistor 3.9 kOhm for PL II		00361 86090
R10	1	Trim resistor 2.2 kOhm		00364 72090

Bild-Nr Fig no	Stck. qty.	Teilebezeichnung / Part name Designation / Designacion		Teil-Nr./Part no./ No. de piece / No de pieza
		Components in the lens		
D5	1	Diode for PL I		10720 64013
	(1)	Diode for PL II		10800 78021
	S	Diode		00360 15090
R1	1	Photo resistor for PL I		10800 68003
	(1)	Photo resistor for PL II		10720 68400
		Connection wire for PL I:		
a	1	Connection wire, yellow, 40 mm long	gb	10720 64014
b	1	Connection wire, orange, 41 mm long	or	10720 64012
d	1	Connection wire, green, 44 mm long	gn	10720 64009
e	1	Connection wire, brown, 39 mm long	br	10720 64007
g	1	Connection wire, grey, 43 mm long	gr	10720 64008
h	1	Connection wire, violet, 43 mm long	vi	10720 64015
i	1	Connection wire, black, 39 mm long	sw	10720 64011
		Flexes for PL II:		
a	1	Flex, yellow, 33 mm long	gb	10800 78010
b	1	Flex, orange, 46 mm long	or	10800 78016
d	1	Flex, green, 62 mm long	gn	10720 78413
e	1	Flex, brown, 43 mm long	br	10800 78011
g	1	Flex, grey, 33 mm long	gr	10800 78012
h	1	Flex, violet, 63 mm long	vi	10720 78409
i	1	Flex, black, 33 mm long	sw	10800 78015
	1	Flex, yellow, M1-M2, 39 mm long		10800 78019

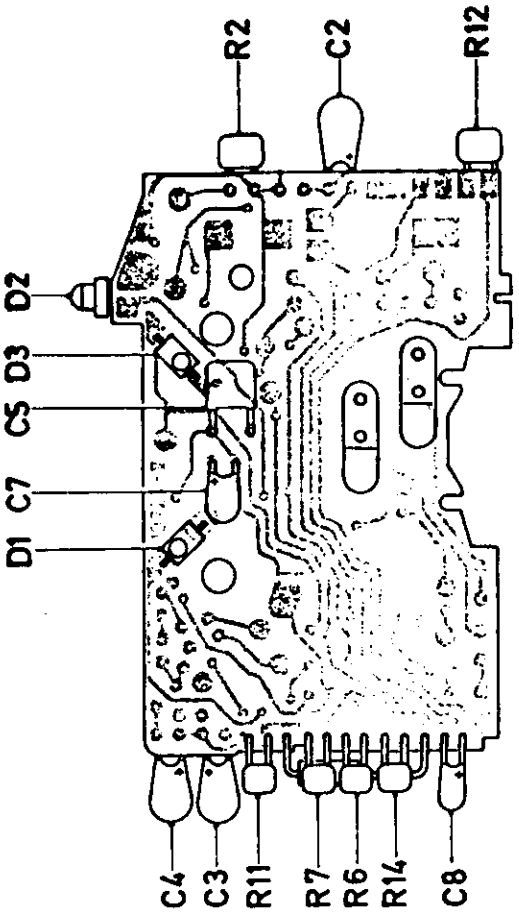
S = Substitute

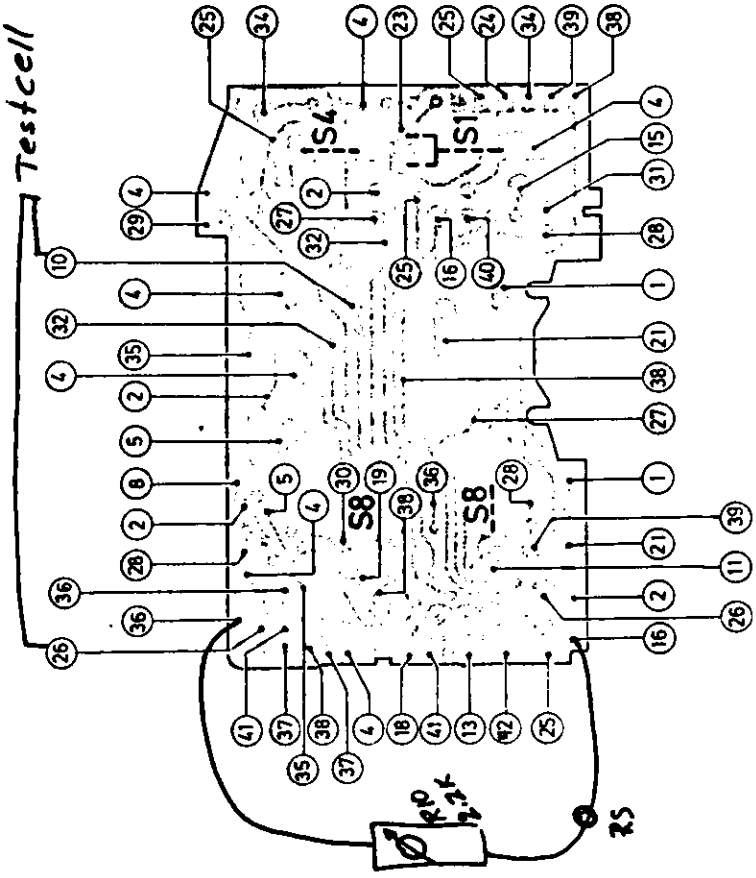

A/gr
BC
S4
R3
1 M
R5
4,7 K
N
S10
SA
S6C
D7
3µ
C1
S1
2x
3µ
C2
R2
12 K
R7
10 K
2V8
D8
R14
D3
rt
S8
A
R11
1,5 K
1,5µ
C4
3µ
C3
R10
22 K
R9
33 K
R4
6,8 K
R12
22 K
3µ
C7
C6 V2
D4
gb
M2
S9
m1
M1
S6C
D5
0,15µ
C6
4,7n
C5
S6
D2
or.
D1
gn
0,1µ
C8
S5
Timer
T
Logik
T
F SC
Logik
&
Logik
BC
R6
4,7 K
T1
T2
T3
R1
K 523
B/sw
C/bl
sw
vi
g
b/or
e/br
S2
m2
S3
Sy
10. Us. 83
gez. 04.11.1981 Sk
geänd. 23.04.1982 Sk
geänd 02.03.1983 ft
Schaltplan 10720-00001 IV

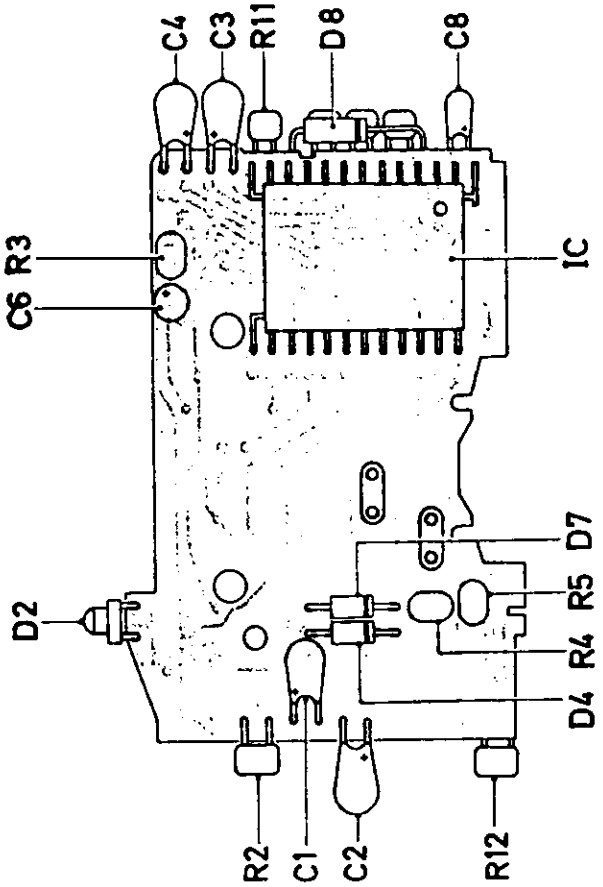
Switching Functions:

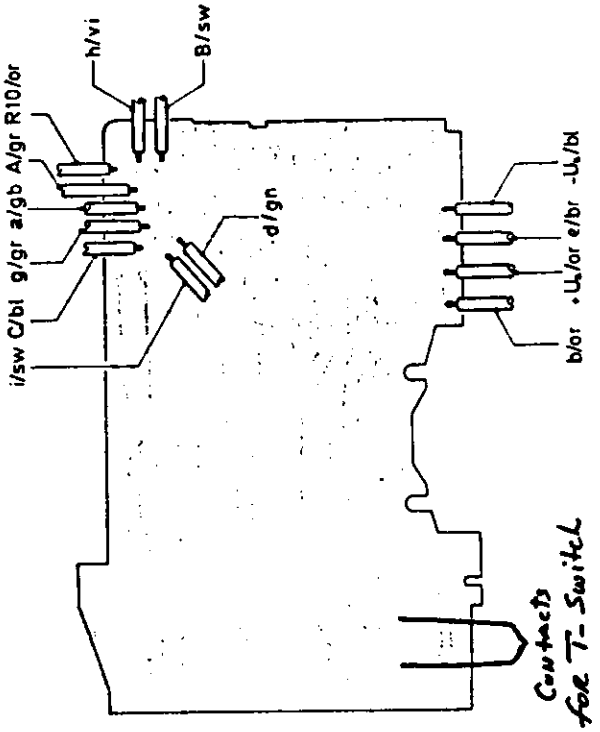
S 1 Counterlight switch (2x slide, Fig. 8)
S 2 Contact breaker m_2 (Switch disc II, Fig. 326 or shutter ring II, Fig. 226)
S 3 Flash contact (on filler base, Fig. 328 or printed circuit board, Fig. 230)
S 4 Battery check (pressure over push button, Fig. 4 on printed circuit board, Fig. 13)
S 5, S 6 Shutter release switch (sliding switch, Fig. 127)
S 7 DIN-ASA switch (resistor plate, Fig. 145)
S 8 Commutator for automatic-flash exposure time (flash switch, Fig. 14)
S 9 Contact breaker m_1 (switch disc I, Fig. 327 or shutter ring I, Fig. 227)
S 10 Self timer switch (sliding switch T in viewfinder, Fig. 20)
S 11 Main switch (light cover, Fig. 355 or 252 - viewfinder, Fig. 20)

Switchings x = Contact closed	S 2	S 3	S 5		S 6		S 9	S 11
			a	b	a	b		
Camera wound up, front flap closed	x			x		x	x	
Camera wound up, front flap open	x			x		x	x	x
Camera released		x	x		x			x


R2
C2
R12
D2
D3
C5
C7
D1
C4
C3
R11
R7
R6
R14
C8


Testcell
S4
S1
S8
S8
R5


C4
C3
R11
D8
C8
R3
C6
IC
D7
R5
R4
D2
D4
R2
C1
C2
R12


h/vi
B/sw
i/sw C/bl
g/gr
a/gb
A/gr
R10/or
d/gn
b/or
Contacts
for T-Switch

MINOX 35 PL/PE Testing Programme

1. Basic Measurement

B	L	R_i Ω	ASA	LM mlxs	Remarks
A	D	15	25	80 - 640	
A	M	15	25		set same value as in previous measurement with R 10

2. Filter Selection (from basic measurement)

LM mlxs	F %	LM mlxs	F %	LM mlxs	F %
80 - 120	85	241 - 260	60	381 - 420	35
121 - 160	80	261 - 280	55	421 - 460	30
161 - 180	75	281 - 320	50	461 - 500	25
181 - 200	70	321 - 340	45	501 - 540	20
201 - 240	65	341 - 380	40	541 - 580	15
581 - 620	7	621 - 640	0		

3. Final Measurement

B	L	R_i Ω	ASA	LM mlxs	Remarks
A	D	15	25	320 - 800	after selection of neutral density filter recalibrate R 10
A	D	15	100	128 - 192	
A	H	8	200	40 - 120	
A	H	15	200	60 - 160	
A	D	15	400	20 - 60	
A	M	15	400	20 - 60	
A	H	15	400	28 - 100	
A	H	15	25	400 - 1400	
A	H	15	50	240 - 680	
A	H	15	100	120 - 300	
A	H	27	100	120 - 560	
A	M	15	100	100 - 240	
T	M	15	100	100 - 240	
2x	M	15	100	200 - 680	
ϟ	M	15	100	600 - 2400	
A	D	15	400 → 32		D 3 flashes
A	D	15	25 → 64		D 3 off
B		27			D 1 on

Legend

a) B = Mode of operation
- A = Programme automatic
- T = Timer switched on
- 2x = Couter light switched on
- ϟ = Flash time
- B = Battery check

b) L = Luminance (brightness), colour temperature = 4700 °K

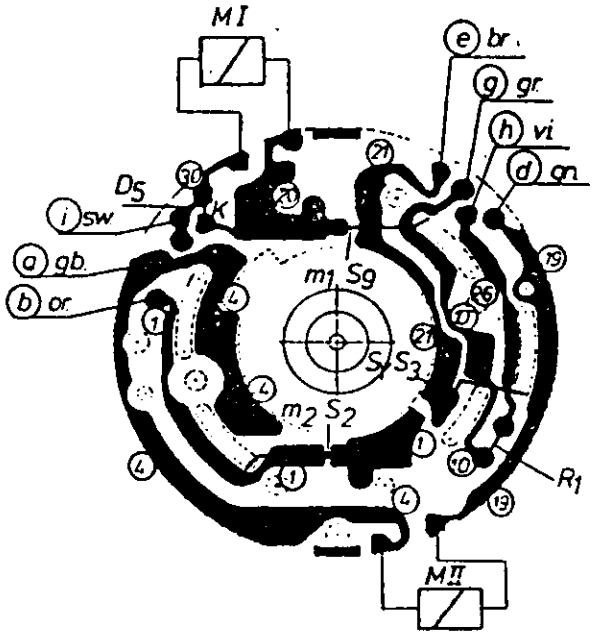
L	cd/m²	ftlmp	asb
H	8000	2300	25000
M	1000	290	3125
D	125	36	390

c) R_i = Internal resistance of the voltage source at U = 5.4 V

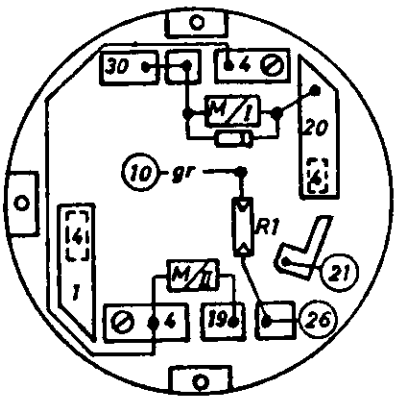
d) LM = Light quantity at the film plane

e) F = Tone density of the compensation filter

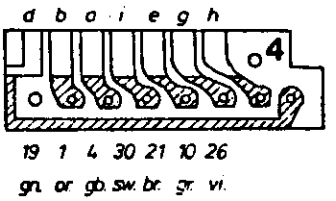
Lens, Fig. no. 206 and 307



Lens PL I
Part no. 10720 50000

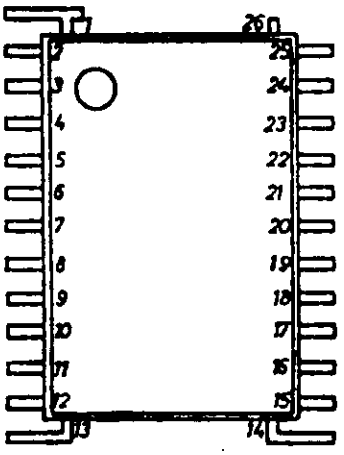


Lens PL II
Part no. 10720 50400



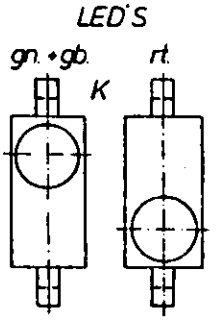
Semiconductor

IC



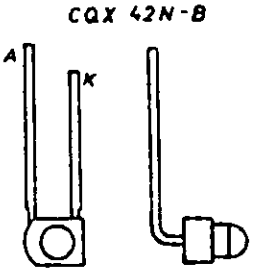
Part no.
10750 16001

D 1 D 3



Part no.
green 10720 16004
red 10720 16007

D 2



Part no.
10750 16008